

Title: Method And Apparatus For Restricting Address Resolution
Protocol Table Updates
Inventor(s): Gopal Dommetty, et al.
Date: July 11, 2003
Docket No.: 50325-0779
Express Mail No. EV323354177US
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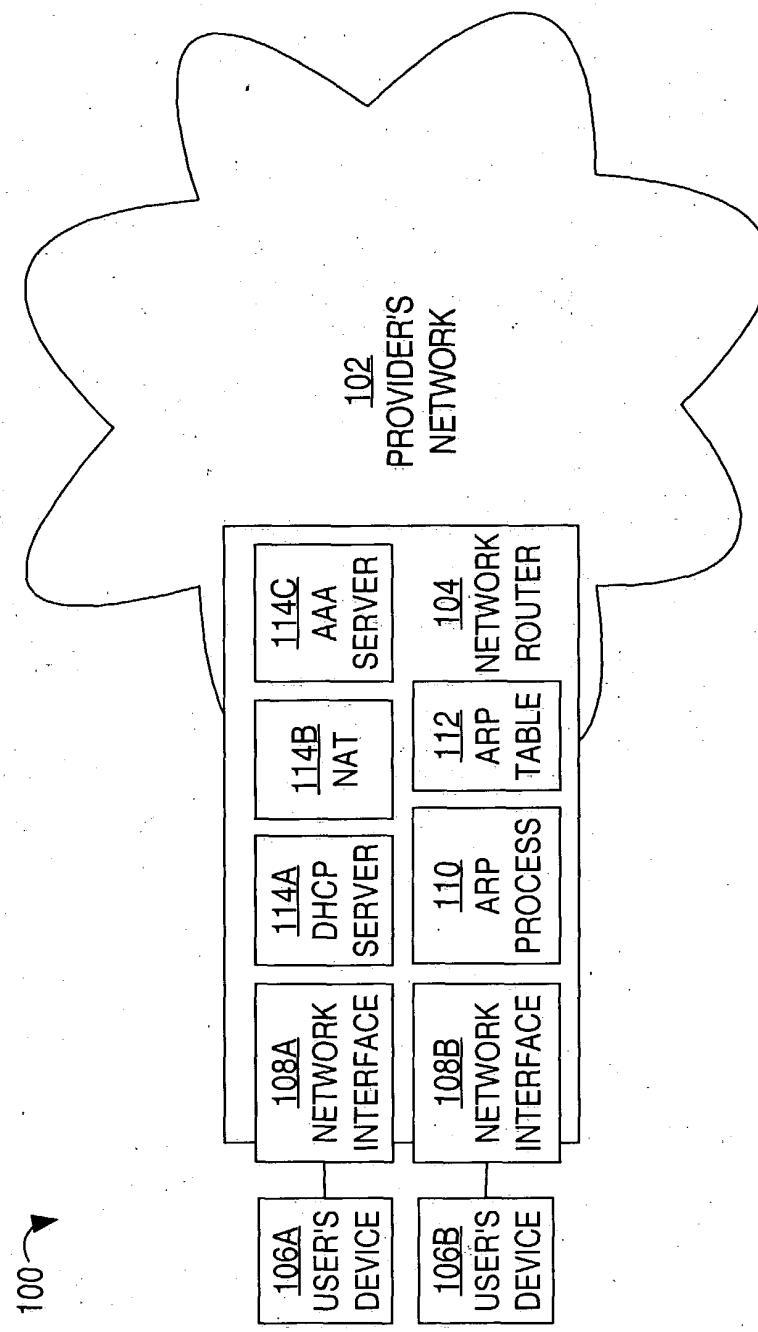


FIG. 1

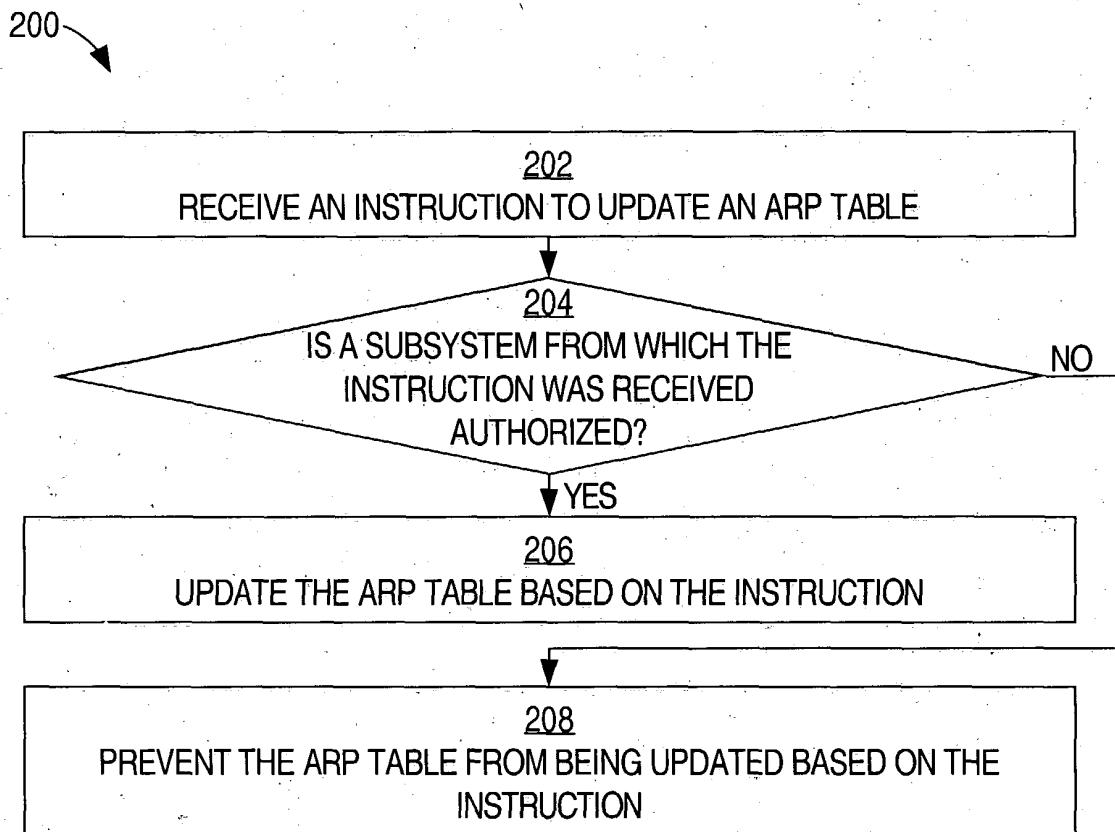


FIG. 2

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RECEIVE AN INSTRUCTION TO UPDATE AN ARP TABLE

304

IS A NETWORK INTERFACE THROUGH
WHICH THE INSTRUCTION WAS RECEIVED CONTAINED
IN A SET OF ONE OR MORE SPECIFIED
NETWORK INTERFACES?

NO

306

IS A NETWORK ADDRESS INDICATED BY THE
INSTRUCTION CONTAINED IN A SET OF ONE OR MORE
SPECIFIED NETWORK ADDRESSES?

NO

YES

310

IS A SUBSYSTEM FROM WHICH THE
INSTRUCTION WAS RECEIVED
AUTHORIZED?

YES

308

UPDATE THE ARP TABLE BASED ON THE INSTRUCTION

312

PREVENT THE ARP TABLE FROM BEING UPDATED BASED ON THE
INSTRUCTION

FIG. 3

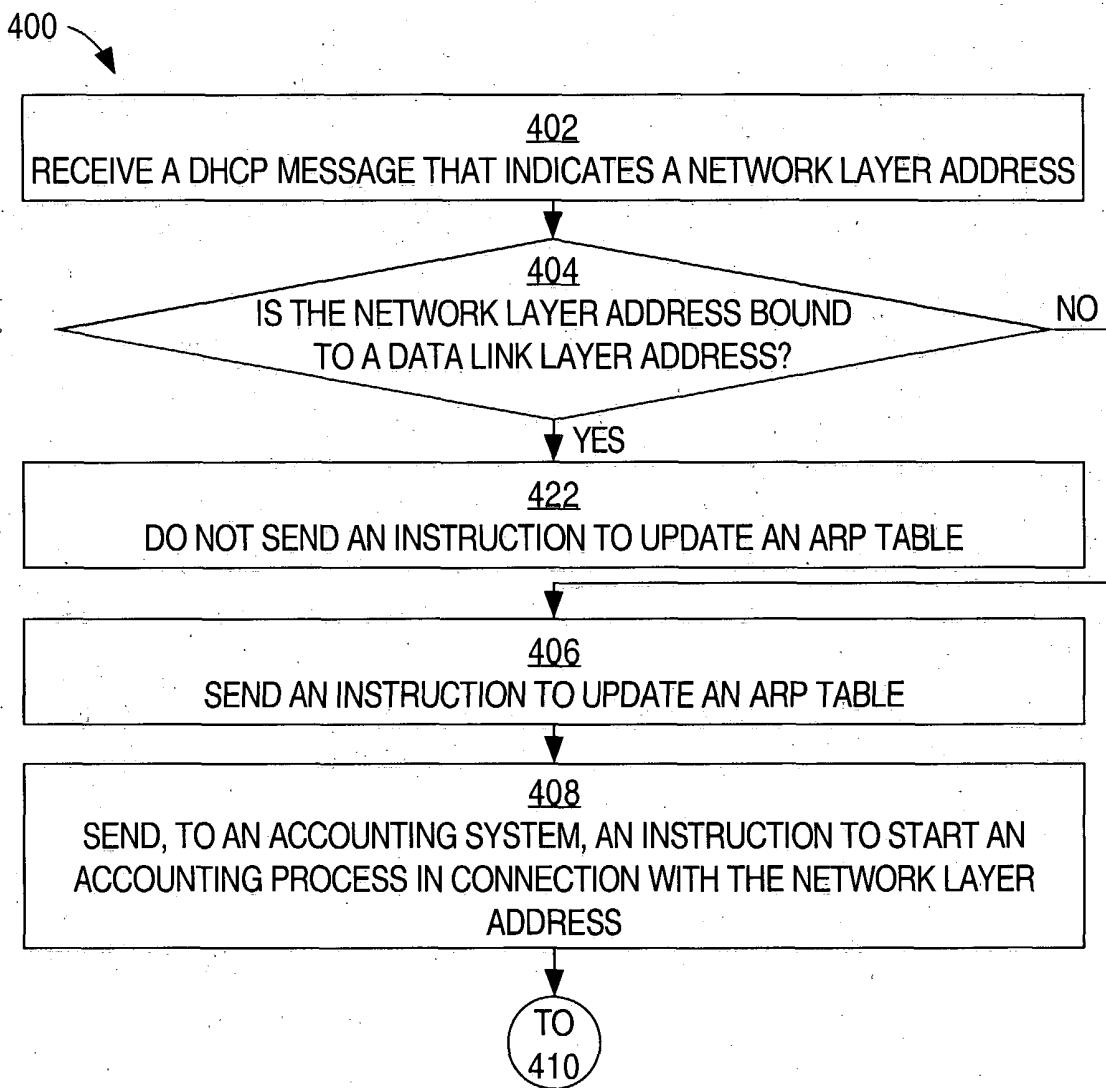
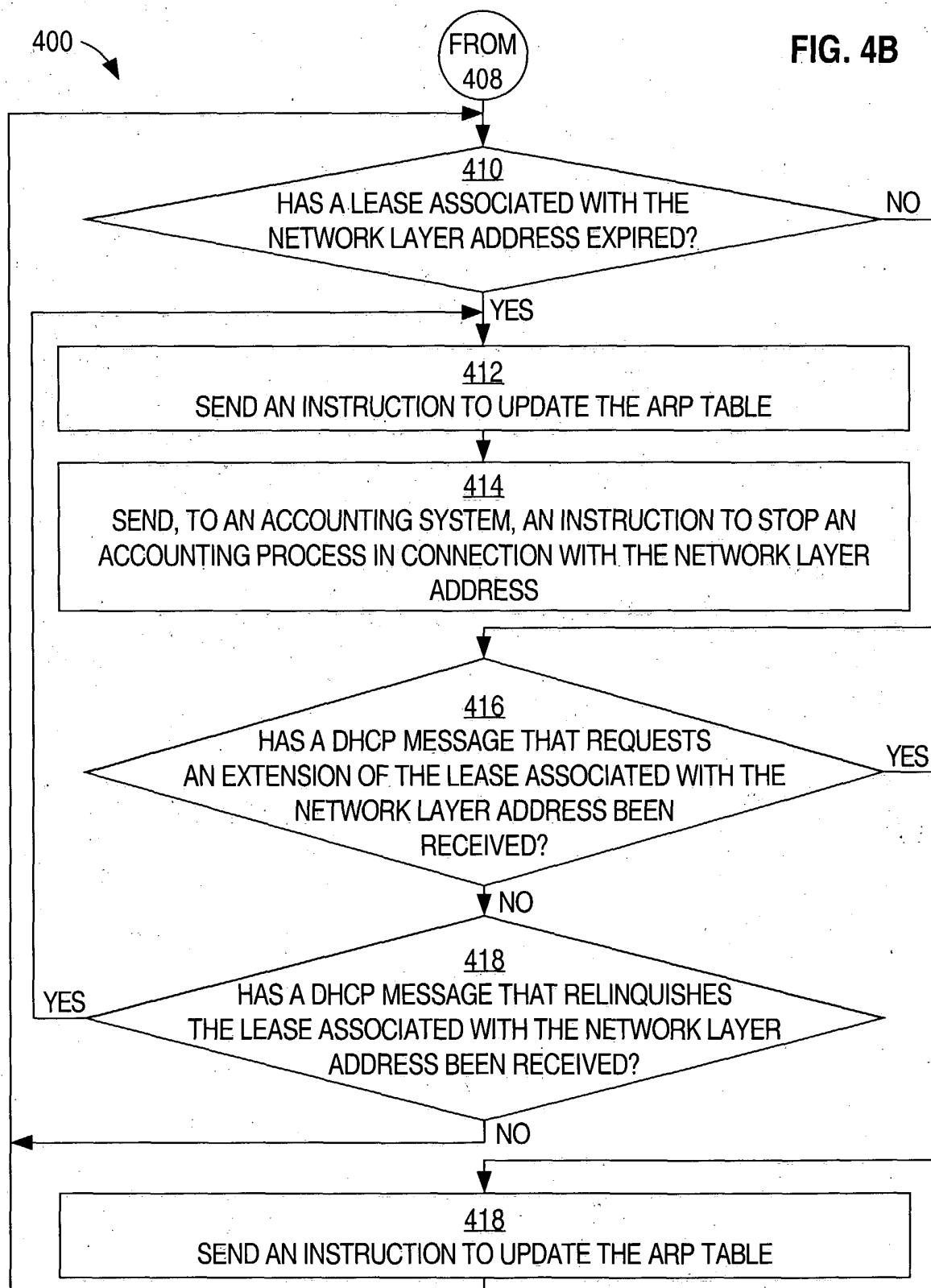


FIG. 4A



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